AMENDMENTS

In the Claims

The following is a marked-up version of the claims with the language that is underlined ("___") being added and the language that contains strikethrough ("—") being deleted:

1. – 40. (Canceled)

41. (Previously Presented) A method for coupling a universal serial bus network adapter supporting both a remote network drive interface specification and a non-network drive interface specification, the method performed by a network adapter, the method, comprising:

providing a plurality of universal serial bus configurations to a universal serial bus network;

receiving a first request from a host, the host coupled to a device;

returning a remote network drive interface specification configuration from the network, the remote network drive interface specification configuration being configured to operate with a first computing platform;

determining whether an other configuration is supported, the other configuration being incompatible with the first computing platform;

receiving a second request from the host, in response to receiving an indication of support of the other configuration, the second request being sent from the host after a host reboot to activate a second computing platform that is compatible with the other configuration;

returning a non-remote network drive interface specification configuration, where the host is configured to parse the received configuration to determine the configuration supported by the device and where the host is configured to select a configuration that matches a client driver.

42. (Previously Presented) The method of claim 41, wherein the client driver is a remote network drive interface specification (RNDIS).

43. (Previously Presented) The method of claim 41, wherein the client driver is a communications data class Ethernet (CDC-Ethernet).

44. (Previously Presented) The method of claim 41, wherein the network adapter determines whether any sub-system that corresponds to any configuration is currently active.

45. (Previously Presented) The method of claim 41, wherein the network adapter determines whether the active configuration matches the currently active sub-system, the method further comprising issuing a command to disable the sub-system when there is no match, and

issuing a command to activate a new sub-system corresponding to the new configuration selected by the host.

46. (Currently Amended) A method, at a host, for coupling universal serial bus devices network adapter supporting both remote network drive interface specification and non-network drive interface specification, comprising the steps of:

detecting a network device, the network device operating on a first configuration, the first configuration being configured to operate with a first computing platform;

issuing a universal serial bus reset to the network device;

sending the reset to the network device for resetting the state of the network device;

rebooting the host to activate a second computing platform that is compatible with a second configuration;

issuing a command enabling the network device to communicate on the universal serial bus according to the second configuration, the second configuration being incompatible with the first computing platform and compatible with the second computing platform;

issuing a first descriptor request enabling a retrieval of device descriptors from the network device;

returning a device descriptor indicating a function of the network device; and

issuing configuration commands, whereby, the network device is configured to return a list of descriptors, wherein in response to a determination that at least one of the descriptors indicates multiple supported configurations, a second descriptor request is issued.

47. (Previously Presented) The method of claim 46, wherein the resetting of the state of the network device involves disabling one of a remote network drive interface specification (RNDIS) and a communications data class Ethernet (CDC-Ethernet).

48. (Previously Presented) The method of claim 46, wherein the list of descriptors for the configuration commands is for a remote network drive interface specification (RNDIS) or a communications data class Ethernet (CD C-Ethernet).

49. (Previously Presented) The method of claim 46, wherein the host discards the configuration for a remote network drive interface specification (RNDIS).

50. (Previously Presented) The method of claim 46, wherein the host accepts the configuration for the communications data class Ethernet (CDC-Ethernet).

51. (Previously Presented) The method of claim 46, wherein the host issues a configuration to the device to use the communications data class Ethernet (CDC-Ethernet) configuration.

52. (Previously Presented) An apparatus for coupling universal serial bus devices network adapter supporting both remote network drive interface specification and non-network drive interface specification, comprising:

a universal serial bus network configured to receive a plurality of universal serial bus configurations;

a receiving component configured to receive a first request from a network adapter;

a network adapter for returning a remote network drive interface specification configuration, the remote network drive interface specification configuration being configured to operate with a first computing platform, the network adapter receiving a second request from a host when there is an indication of support of an other configuration, the second request being sent from the host after a host reboot to activate a second computing platform that is compatible with the other configuration, the other configuration being incompatible with the first computing platform;

a parsing component for parsing all the received configuration to determine the configuration supported by the device; and

wherein the host selects the configuration that matches a client driver.

53. (Previously Presented) The apparatus of claim 52, wherein the client driver is a remote network drive interface specification (RNDIS).

54. (Previously Presented) The apparatus of claim 52, wherein the client driver is a communications data class Ethernet (CDC-Ethernet).

55. (Previously Presented) The apparatus of claim 52, wherein the network adapter determines whether any sub-system corresponds to any configuration is active.

56. (Previously Presented) The apparatus of claim 52, wherein the network adapter determines whether the active configuration matches the currently active sub-system, issues a command to disable the sub-system when there is no match, and issues a command to activate a new sub-system corresponding to the new configuration selected by the host.

57. (Previously Presented) An apparatus for attaching a universal serial bus network adapter supporting both remote network drive interface specification and non-network drive interface specification, comprising:

a detecting component configured to detect a network device communicating via a first configuration, the first configuration being configured to operate with a first computing platform, and for issuing a universal serial bus reset to a network device by a host, and resetting a state of the network device, and for receiving a network device at a universal serial bus port;

a first issuing component configured to issue a command enabling the network device to communicate on the universal serial bus via a second configuration after a host reboot to activate a second computing platform that is compatible with the other configuration;

a second issuing component configured to issue a first descriptor request for retrieving device descriptors from the network device; and

a third issuing component configured to issue configuration commands, whereby, the network device returns a list of descriptors, wherein in response to a determination that at least one of the descriptors indicates that an other configuration is supported, the other configuration being incompatible with the computing platform, a second descriptor request is issued.

58. (Previously Presented) The apparatus of claim 57, wherein the resetting of the state of the network device involves disabling one of a remote network drive interface specification (RNDIS) and a communications data class Ethernet (CDC-Ethernet).

59. (Previously Presented) The apparatus of claim 57, wherein the list of descriptors for the configuration commands are for a remote network drive interface specification (RNDIS) or a communications device class Ethernet (CDC-Ethernet).

60. (Previously Presented) The apparatus of claim 57, wherein the host discards the configuration for a remote network drive interface specification (RNDIS).

61. (Previously Presented) The apparatus of claim 57, wherein host accepts the configuration for the communications data class Ethernet (CDC-Ethernet).

62. (Previously Presented) The apparatus of claim 57, wherein the host issues a configuration to the device to use for the communications data class Ethernet (CDC-Ethernet).

63. (Previously Presented) A system for attaching a universal serial bus network adapter supporting both remote network drive interface specification and non-network drive interface specification, comprising:

a providing component configured to provide two universal serial bus configurations to a universal serial bus network;

a first receiving component configured to receive a first request from a host;

a first returning component configured to return a remote network drive interface specification configuration that is configured to operate with a first computing platform from the network adapter;

a second receiving component configured to receive a second request from a host, when there is an indication that an other configuration that is incompatible with the computing platform is supported;

a second returning component configured to return a non-remote network drive interface specification configuration from the network adapter, after a host reboot to activate a second computing platform that is compatible with the other configuration;

a parsing component configured to parse all the received configuration to determine the configuration supported by the device; and

a selecting component configured to select a configuration that matches a client driver.

64. (Previously Presented) The system of claim 63, wherein the client driver is a remote network drive interface specification (RNDIS).

65. (Previously Presented) The system of claim 63, wherein the client driver is a communications data class Ethernet (CDC-Ethernet).

66. (Previously Presented) The system of claim 63, wherein the network adapter determines whether any sub-system that corresponds to any configuration is active.

67. (Previously Presented) The system of claim 63, wherein the network adapter determines whether the active configuration matches the currently active sub-system, the system further comprising a first issuing component configured to issue a command to disable the sub-system when there is no match, and a second issuing component configured to issue a command to activate a new sub-system corresponding to the new configuration selected by the host.

68. (Previously Presented) A system for attaching a universal serial bus network adapter supporting both remote network drive interface specification and non-network drive interface specification, comprising:

a universal serial bus port configured to receive a network device according to a first configuration that is configured to operate with a first computing platform;

a detecting component configured to detect the network device coupled to the universal serial bus port;

a first issuing component configured to issue a universal serial bus reset to the network device to reset the state of the network device;

a second issuing component configured to issue a command to enable the network device to communicate on the universal serial bus according to a second configuration after a host reboot to activate a second computing platform that is compatible with the second configuration, the second configuration being incompatible with the first computing platform;

a third issuing component configured to issue a first descriptor request to retrieve device descriptors from the network device;

a receiving component configured to receive a device descriptor listing indicating its function from the network device; and

a fourth issuing component configured to issue configuration commands, whereby, the network device returns a list of descriptors, wherein in response to a determination that at least one of the descriptors indicates multiple supported configurations, a second descriptor request is issued.

69. (Previously Presented) The system of claim 68, wherein resetting of the state of the network device comprises disabling one of a remote network drive interface specification (RNDIS) and a communications data class Ethernet (CDC-Ethernet).

70. (Previously Presented) The system of claim 68, wherein the device descriptor listing for the configuration commands is for a remote network drive interface specification (RNDIS) or a communications data class Ethernet (CDC-Ethernet).

71. (Previously Presented) The system of claim 68, further comprising a discarding component configured to discard the configuration for a remote network drive interface specification (RNDIS).

72. (Previously Presented) The system of claim 68, further comprising an accepting component configured to accept the configuration for the communications data class Ethernet (CDC-Ethernet).

73. (Previously Presented) The system of claim 68, further comprising a fourth issuing component configured to issue a configuration to the device to use the communications data class Ethernet (CDC-Ethernet) configuration.

74. (Currently Amended) A non-transitory computer-readable media containing a computer-executable program for attaching a universal serial bus network adapter supporting both remote network drive interface specification and non-network drive interface specification, the program comprising:

one or more instructions for issuing a universal serial bus reset to the network device by the host, the network device operating to a first configuration, the first configuration being configured to operate with a first computing platform;

one or more instructions for resetting the state of the network device;

one or more instructions for enabling the network device to communicate on the universal serial bus according to a second configuration, after a host reboot to activate a second computing platform that is compatible with the second configuration, the second configuration being incompatible with the first computing platform;

one or more instructions for issuing by the host a first descriptor request enabling to retrieve device descriptors from the network device;

one or more instructions for returning by the network device a computer code device descriptor indicating its function; and

one or more instructions for issuing by the host configuration commands, whereby, the network device returns a list of descriptors, wherein in response to a determination that at least one of the descriptors indicates multiple supported configurations, a second descriptor request is issued.

75. (Currently Amended) The non-transitory computer-readable media of claim 74, wherein the one or more instructions for resetting of the state of the network device further comprises one or more instructions for disabling one of a remote network drive interface specification (RNDIS) and a communications data class Ethernet (CDC-Ethernet).

76. (Currently Amended) The non-transitory computer-readable media of claim 74, further comprising one or more instructions for discarding the configuration for a remote network drive interface specification (RNDIS).

77. (Currently Amended) The non-transitory computer-readable media of claim 74, further comprising one or more instructions for accepting the configuration for the communications data class Ethernet (CDC-Ethernet).

78. (Currently Amended) The non-transitory computer-readable media of claim 74, further comprising one or more instructions for issuing a configuration code instructing the device to use the communications data class Ethernet (CDC-Ethernet) configuration.